

FIG.1(a)

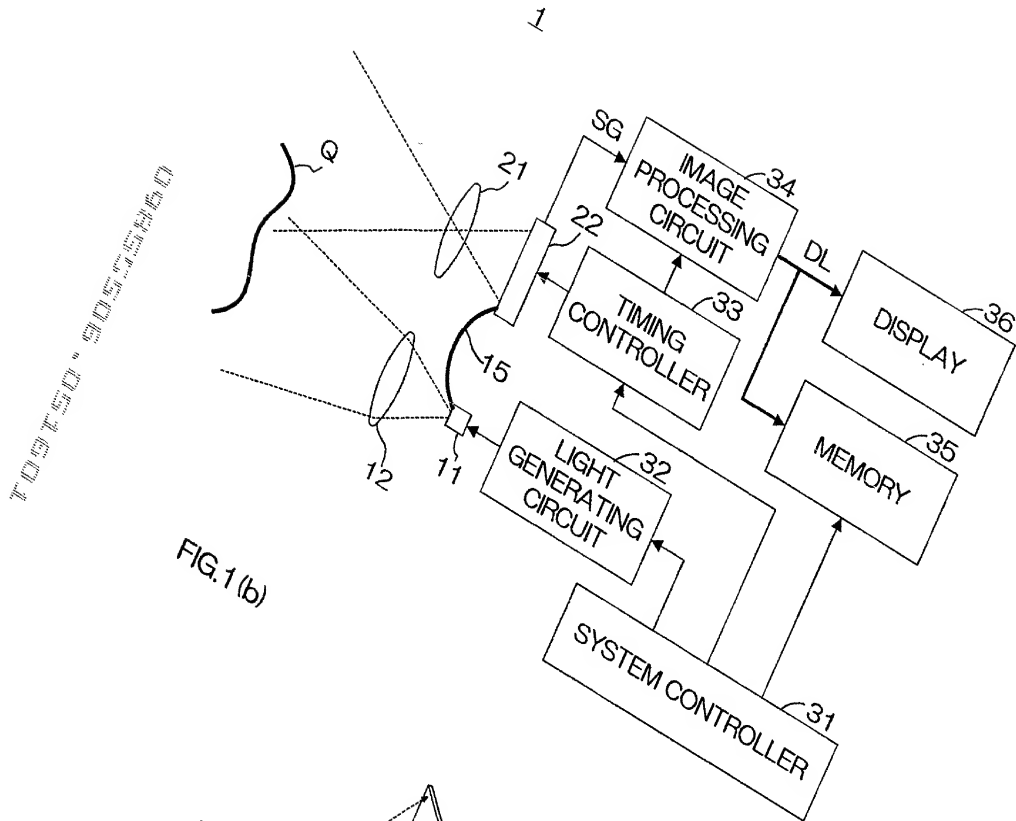


FIG.1(b)

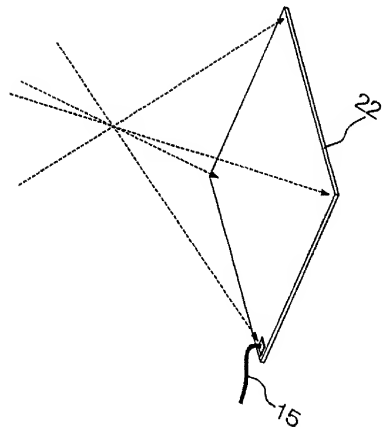


FIG.2

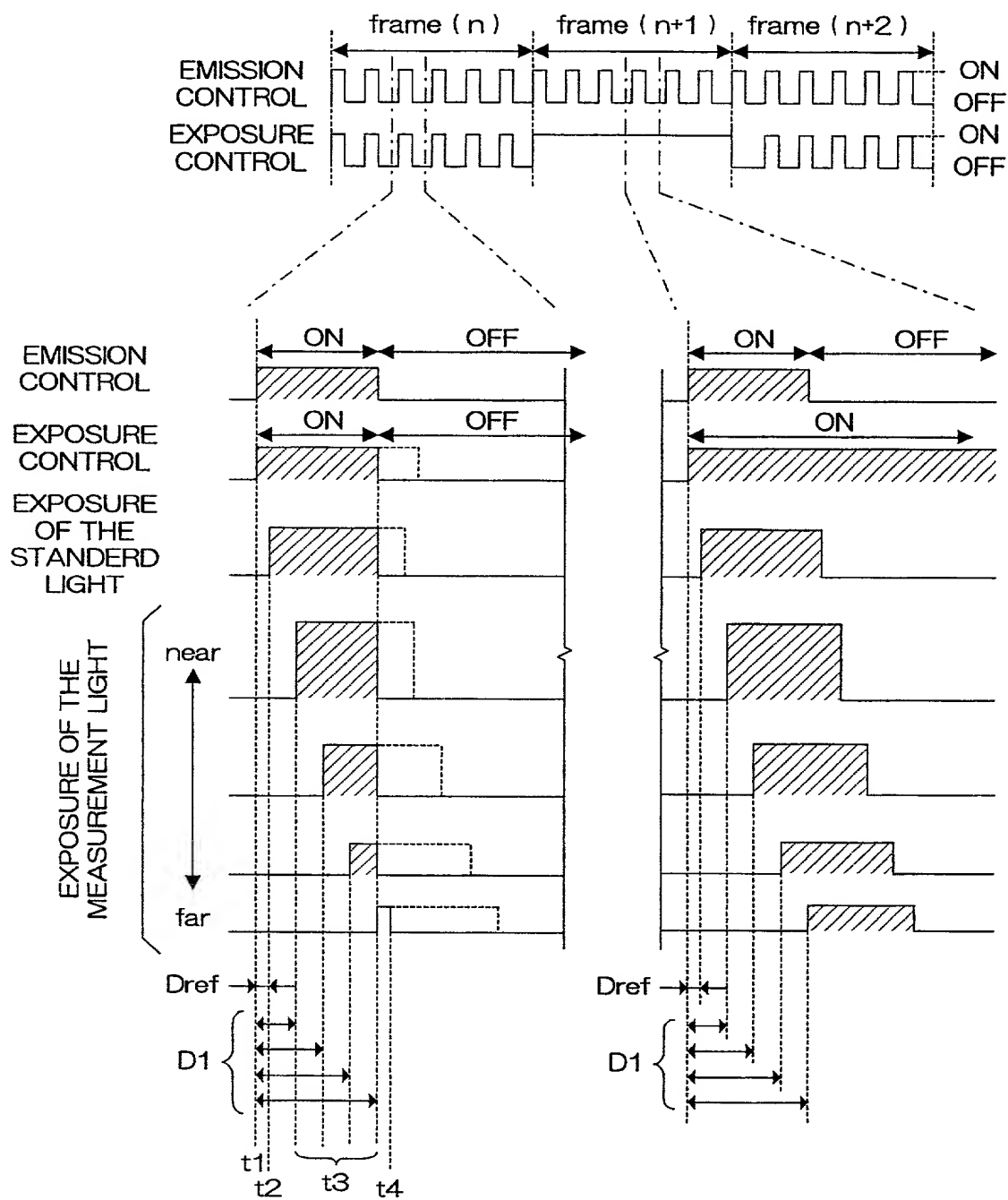


FIG.3

34 IMAGE PROCESSING CIRCUIT

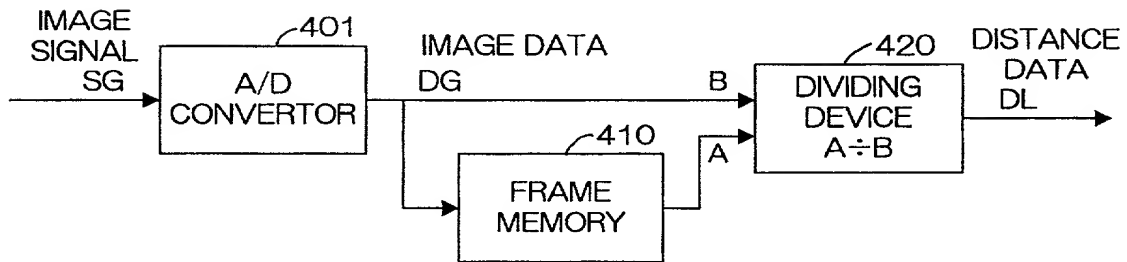


FIG.4(a)

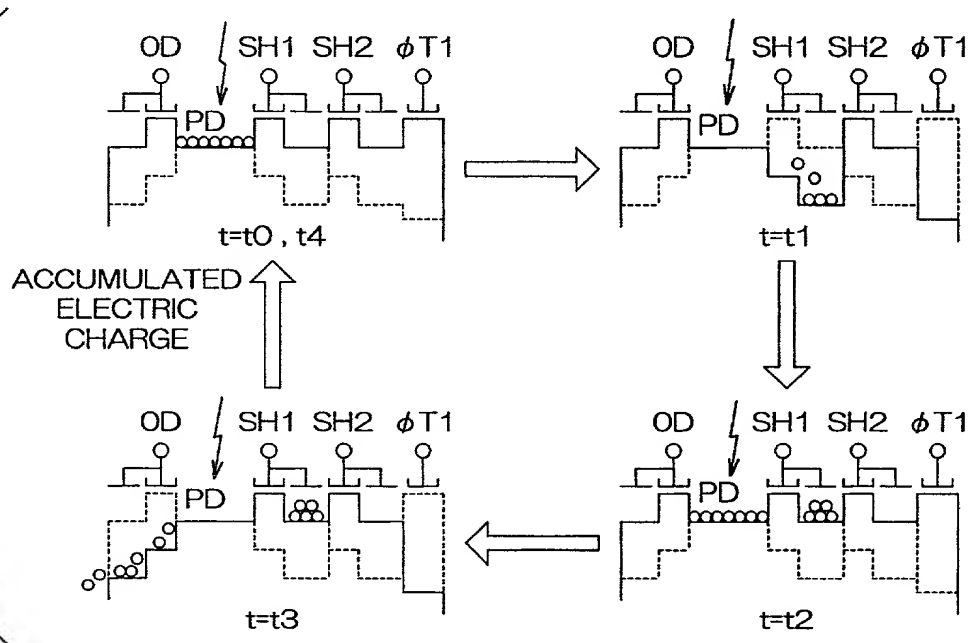


FIG.4(b)

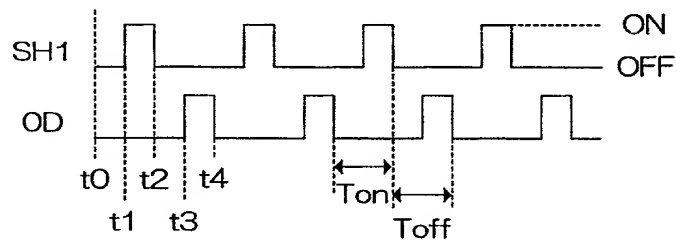
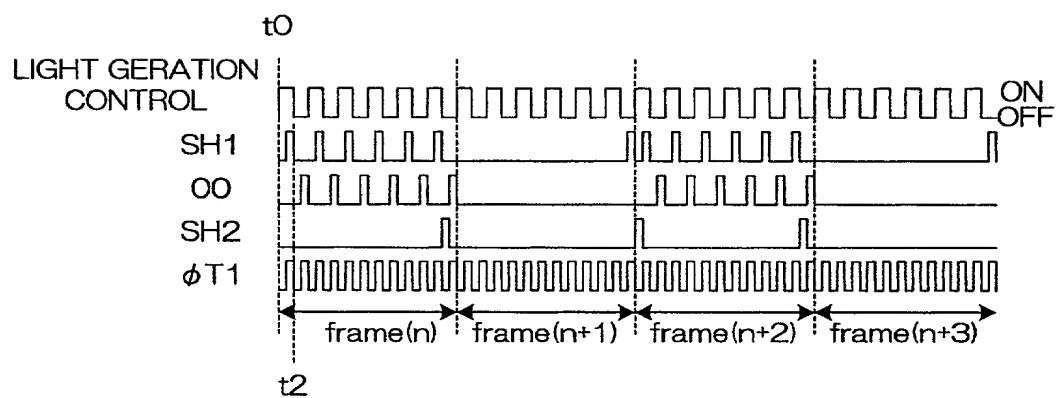


FIG. 5



Descriptive Statistics		Regression Analysis		Model Fit	
Variable	Mean (SD)	Parameter	Estimate (SE)	Statistic	Value (p)
Dependent Variable	1.2 (0.8)	Intercept	0.5 (0.2)	F(1, 100)	2.5 (0.12)
Independent Variable 1	0.5 (0.3)	Slope 1	0.8 (0.4)	t(100)	2.0 (0.05)
Independent Variable 2	0.2 (0.1)	Slope 2	0.1 (0.1)	t(100)	1.0 (0.32)
Independent Variable 3	0.1 (0.05)	Slope 3	0.05 (0.05)	t(100)	1.0 (0.32)
Independent Variable 4	0.05 (0.02)	Slope 4	0.02 (0.02)	t(100)	1.0 (0.32)
Independent Variable 5	0.02 (0.01)	Slope 5	0.01 (0.01)	t(100)	1.0 (0.32)
Independent Variable 6	0.01 (0.005)	Slope 6	0.005 (0.005)	t(100)	1.0 (0.32)
Independent Variable 7	0.005 (0.002)	Slope 7	0.002 (0.002)	t(100)	1.0 (0.32)
Independent Variable 8	0.002 (0.001)	Slope 8	0.001 (0.001)	t(100)	1.0 (0.32)
Independent Variable 9	0.001 (0.0005)	Slope 9	0.0005 (0.0005)	t(100)	1.0 (0.32)
Independent Variable 10	0.0005 (0.0002)	Slope 10	0.0002 (0.0002)	t(100)	1.0 (0.32)
Independent Variable 11	0.0002 (0.0001)	Slope 11	0.0001 (0.0001)	t(100)	1.0 (0.32)
Independent Variable 12	0.0001 (0.00005)	Slope 12	0.00005 (0.00005)	t(100)	1.0 (0.32)
Independent Variable 13	0.00005 (0.00002)	Slope 13	0.00002 (0.00002)	t(100)	1.0 (0.32)
Independent Variable 14	0.00002 (0.00001)	Slope 14	0.00001 (0.00001)	t(100)	1.0 (0.32)
Independent Variable 15	0.00001 (0.000005)	Slope 15	0.000005 (0.000005)	t(100)	1.0 (0.32)
Independent Variable 16	0.000005 (0.000002)	Slope 16	0.000002 (0.000002)	t(100)	1.0 (0.32)
Independent Variable 17	0.000002 (0.000001)	Slope 17	0.000001 (0.000001)	t(100)	1.0 (0.32)
Independent Variable 18	0.000001 (0.0000005)	Slope 18	0.0000005 (0.0000005)	t(100)	1.0 (0.32)
Independent Variable 19	0.0000005 (0.0000002)	Slope 19	0.0000002 (0.0000002)	t(100)	1.0 (0.32)
Independent Variable 20	0.0000002 (0.0000001)	Slope 20	0.0000001 (0.0000001)	t(100)	1.0 (0.32)
Independent Variable 21	0.0000001 (0.00000005)	Slope 21	0.00000005 (0.00000005)	t(100)	1.0 (0.32)
Independent Variable 22	0.00000005 (0.00000002)	Slope 22	0.00000002 (0.00000002)	t(100)	1.0 (0.32)
Independent Variable 23	0.00000002 (0.00000001)	Slope 23	0.00000001 (0.00000001)	t(100)	1.0 (0.32)
Independent Variable 24	0.00000001 (0.000000005)	Slope 24	0.000000005 (0.000000005)	t(100)	1.0 (0.32)
Independent Variable 25	0.000000005 (0.000000002)	Slope 25	0.000000002 (0.000000002)	t(100)	1.0 (0.32)
Independent Variable 26	0.000000002 (0.000000001)	Slope 26	0.000000001 (0.000000001)	t(100)	1.0 (0.32)
Independent Variable 27	0.000000001 (0.0000000005)	Slope 27	0.0000000005 (0.0000000005)	t(100)	1.0 (0.32)
Independent Variable 28	0.0000000005 (0.0000000002)	Slope 28	0.0000000002 (0.0000000002)	t(100)	1.0 (0.32)
Independent Variable 29	0.0000000002 (0.0000000001)	Slope 29	0.0000000001 (0.0000000001)	t(100)	1.0 (0.32)
Independent Variable 30	0.0000000001 (0.00000000005)	Slope 30	0.00000000005 (0.00000000005)	t(100)	1.0 (0.32)
Independent Variable 31	0.00000000005 (0.00000000002)	Slope 31	0.00000000002 (0.00000000002)	t(100)	1.0 (0.32)
Independent Variable 32	0.00000000002 (0.00000000001)	Slope 32	0.00000000001 (0.00000000001)	t(100)	1.0 (0.32)
Independent Variable 33	0.00000000001 (0.000000000005)	Slope 33	0.000000000005 (0.000000000005)	t(100)	1.0 (0.32)
Independent Variable 34	0.000000000005 (0.000000000002)	Slope 34	0.000000000002 (0.000000000002)	t(100)	1.0 (0.32)
Independent Variable 35	0.000000000002 (0.000000000001)	Slope 35	0.000000000001 (0.000000000001)	t(100)	1.0 (0.32)
Independent Variable 36	0.000000000001 (0.0000000000005)	Slope 36	0.0000000000005 (0.0000000000005)	t(100)	1.0 (0.32)
Independent Variable 37	0.0000000000005 (0.0000000000002)	Slope 37	0.0000000000002 (0.0000000000002)	t(100)	1.0 (0.32)
Independent Variable 38	0.0000000000002 (0.0000000000001)	Slope 38	0.0000000000001 (0.0000000000001)	t(100)	1.0 (0.32)
Independent Variable 39	0.0000000000001 (0.00				

FIG.6(a)

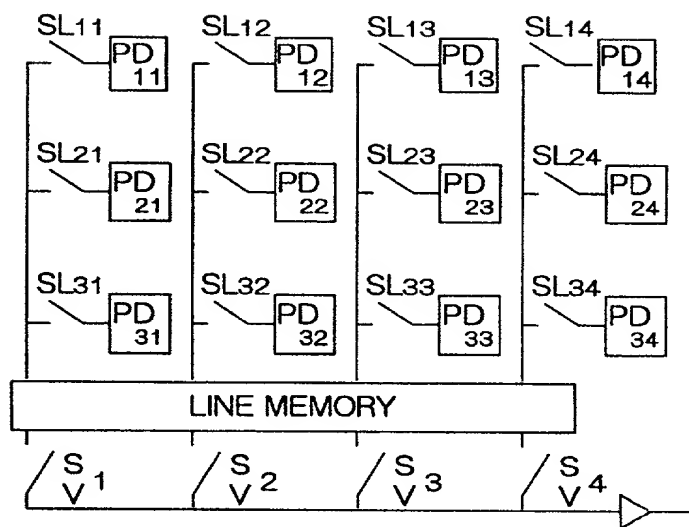


FIG.6(b)

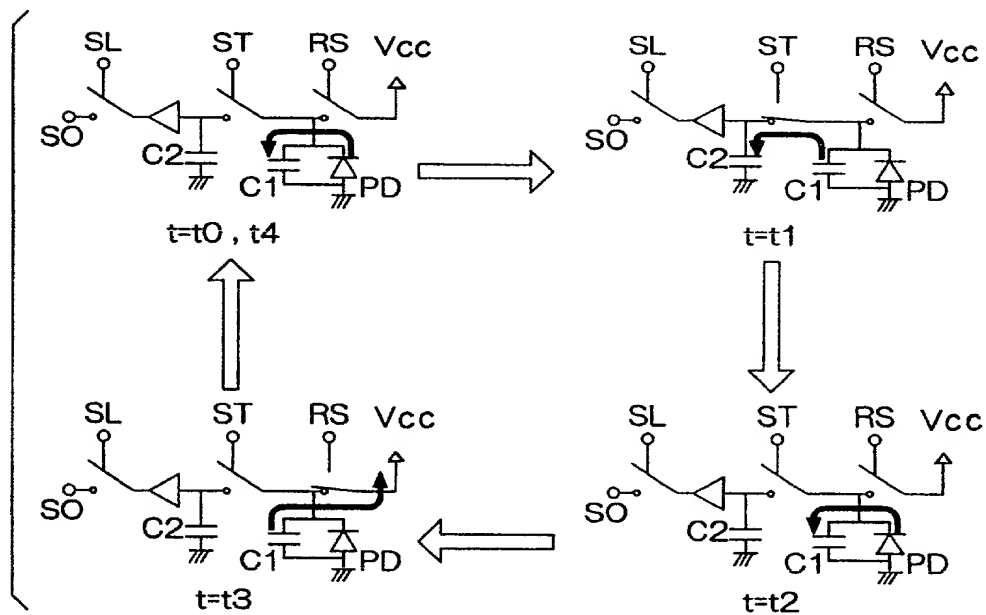


FIG.6(c)

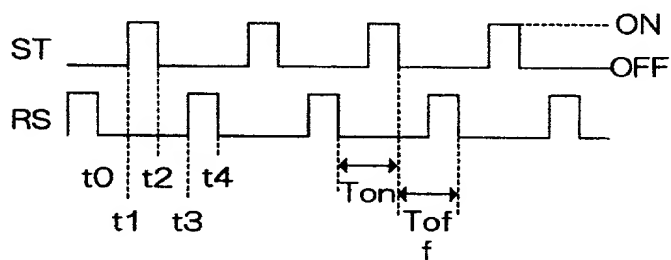


FIG.7

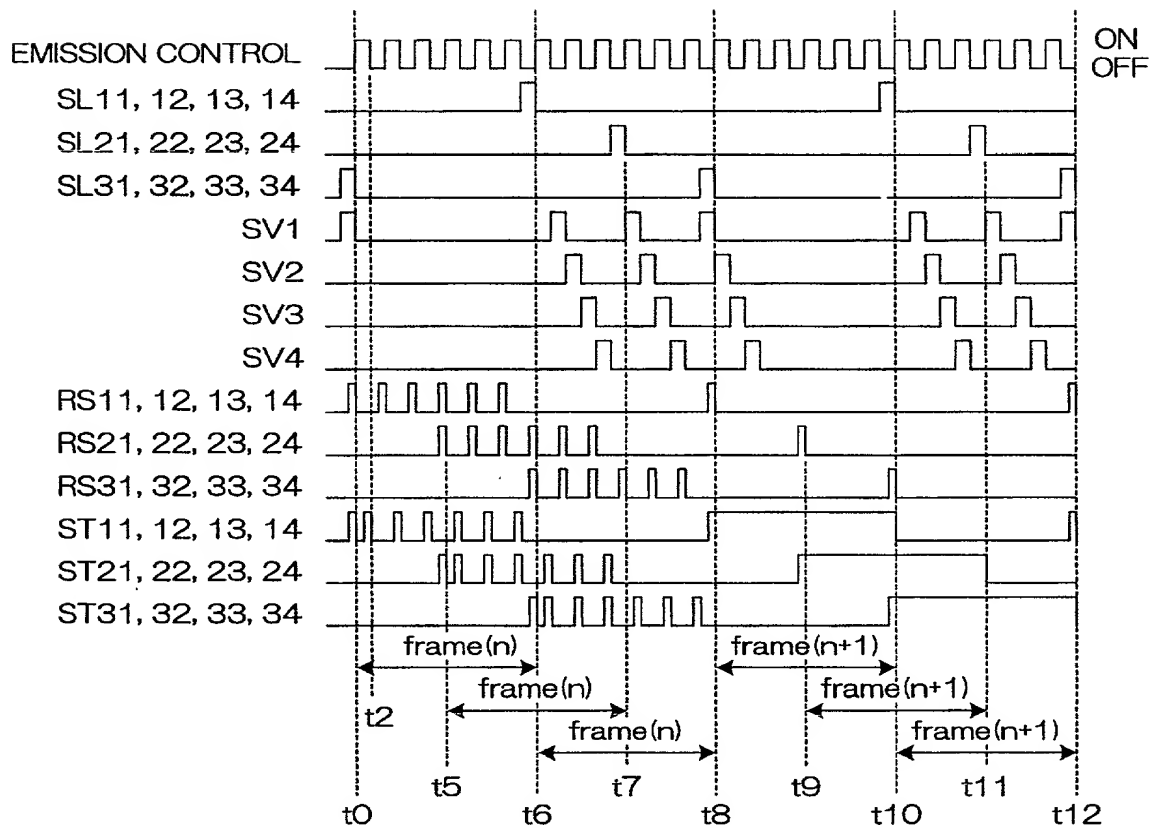


FIG.8

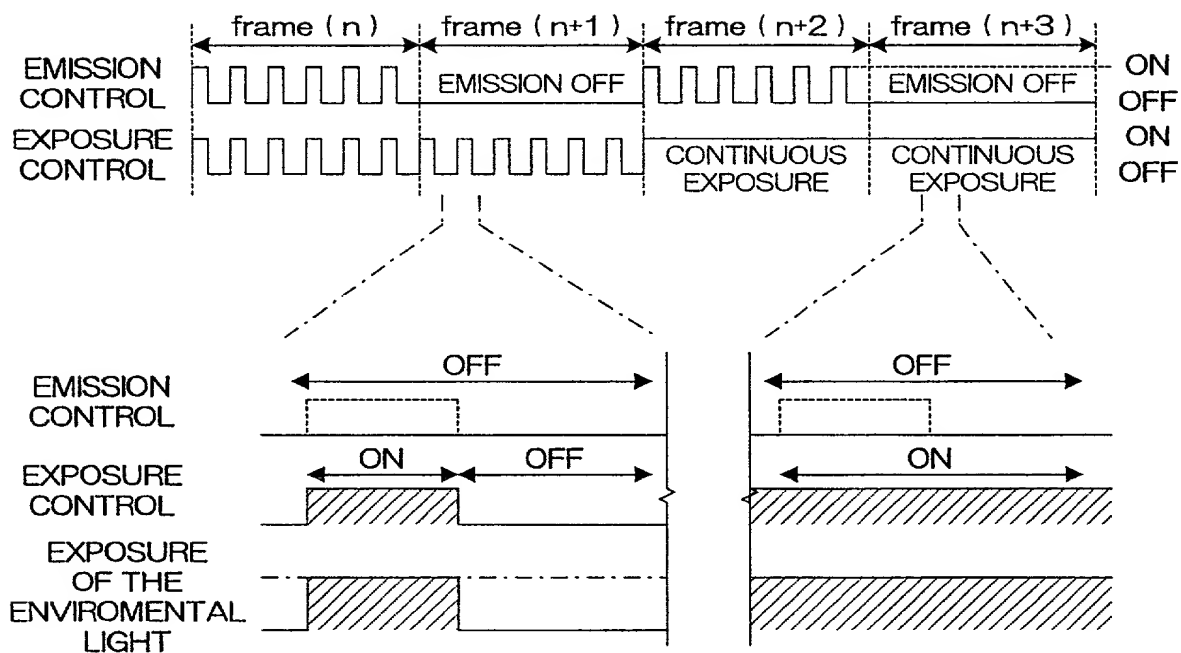


FIG.9

34b IMAGE PROCESSING CIRCUIT

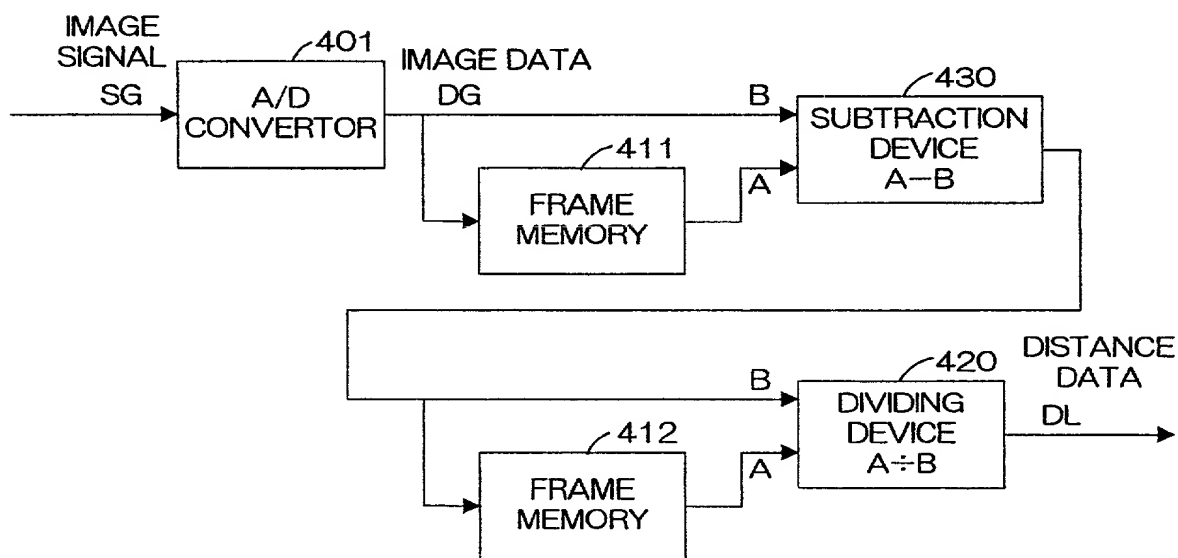


Fig.10(a)

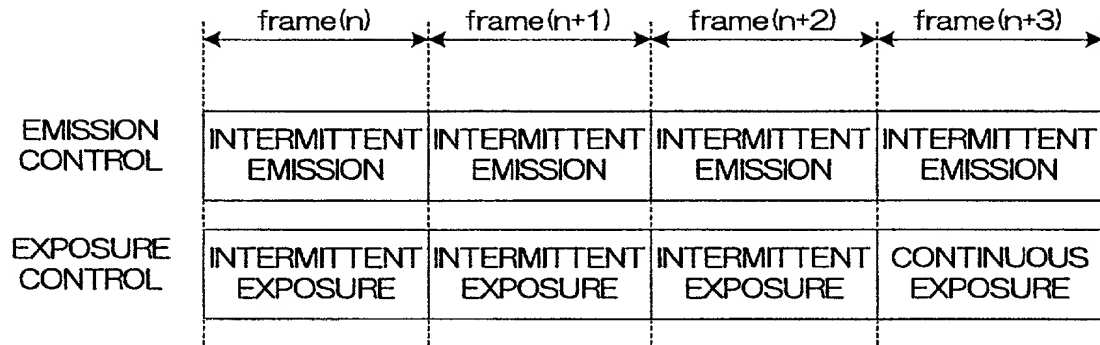


Fig.10(b)

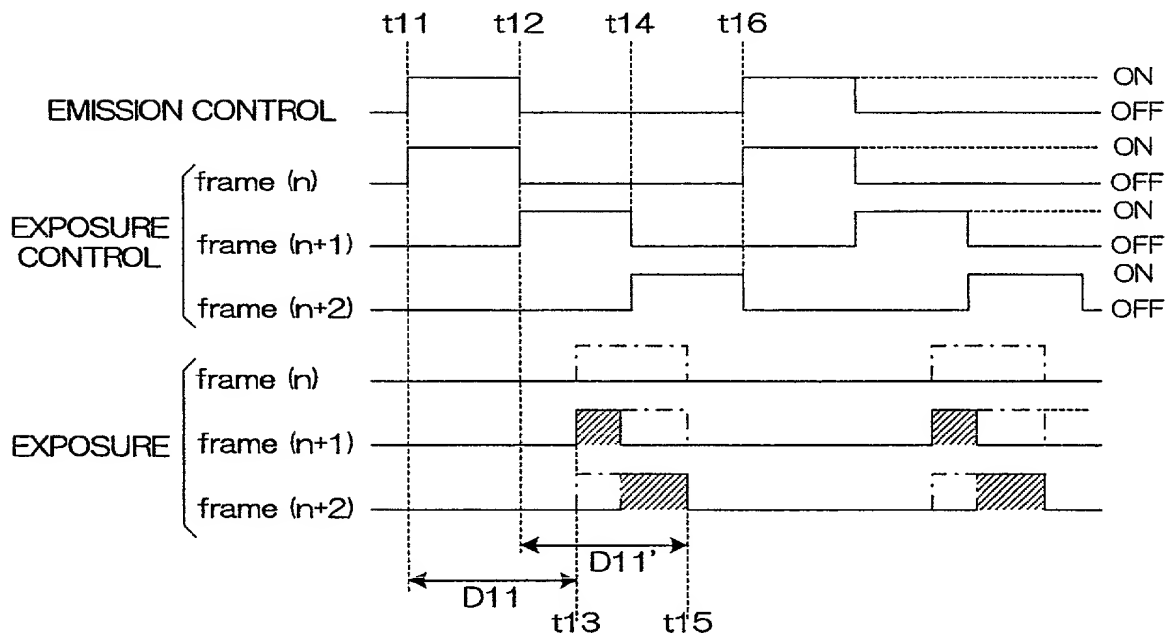




FIG.11

34c IMAGE PROCESSING CIRCUIT

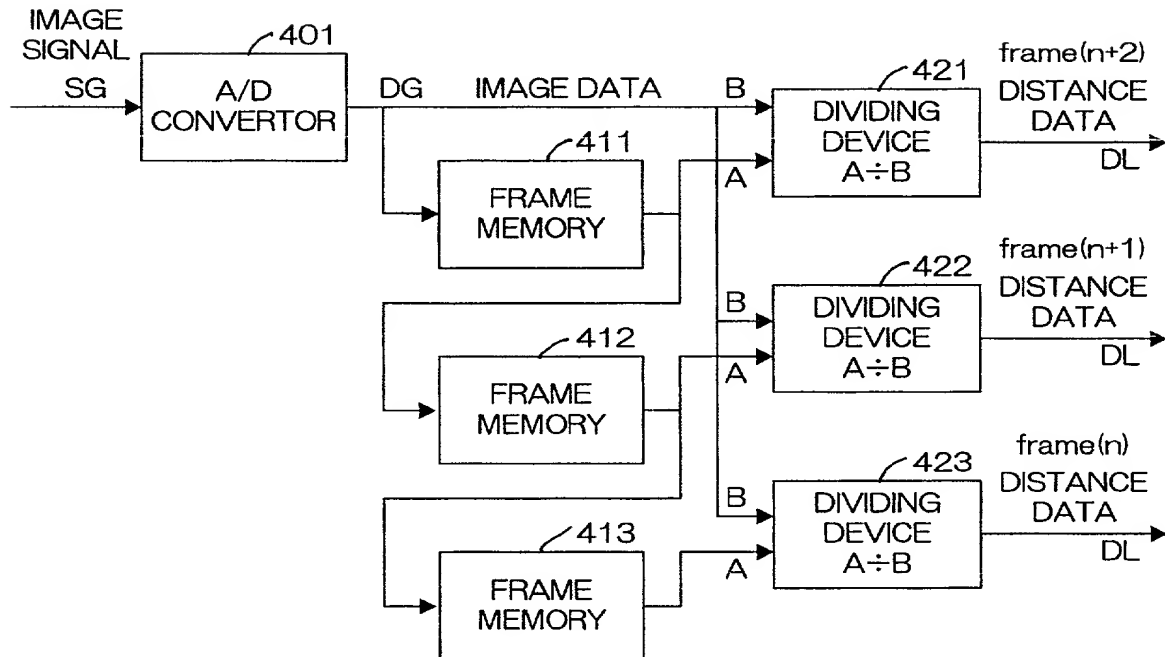


FIG.12

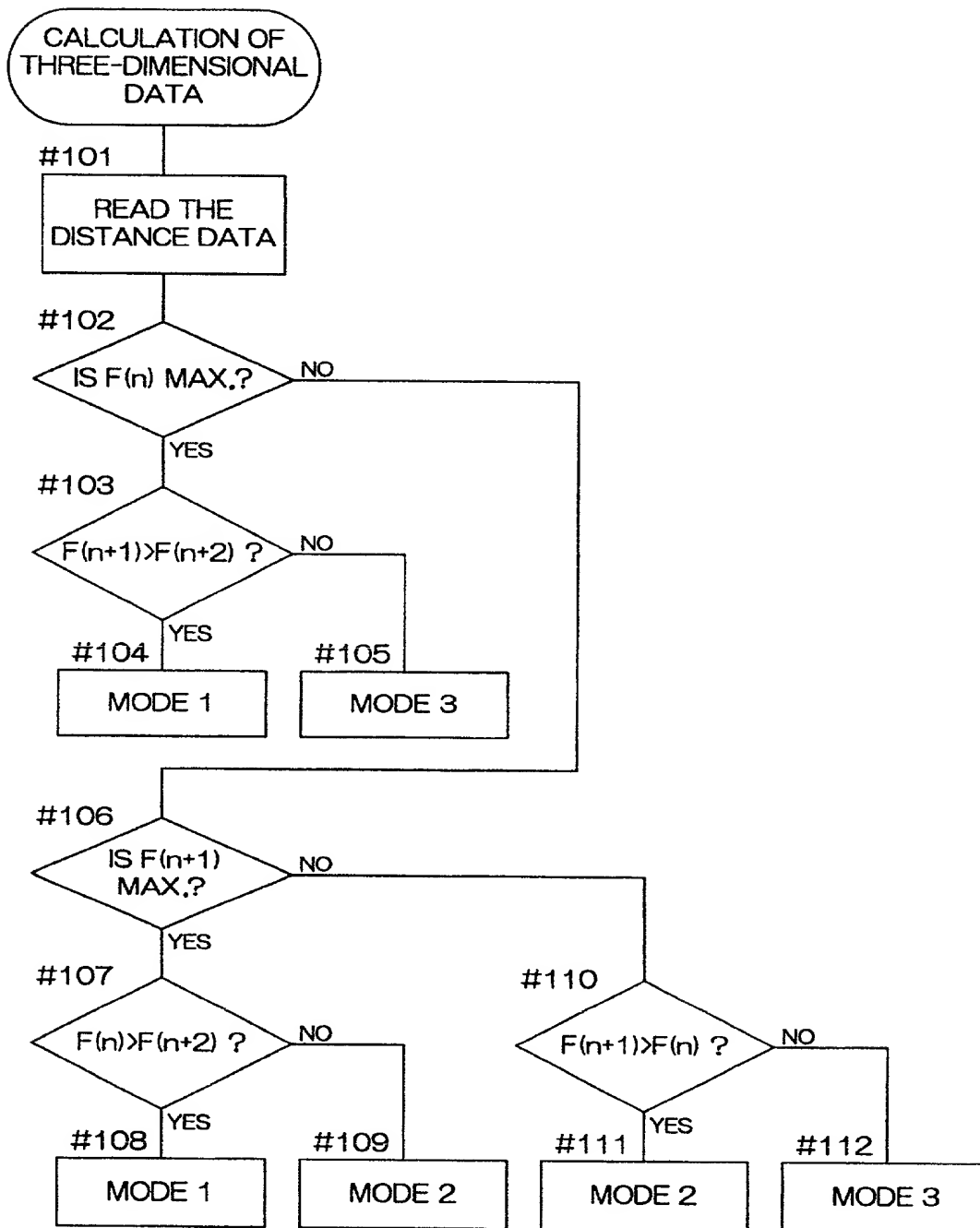


FIG.13

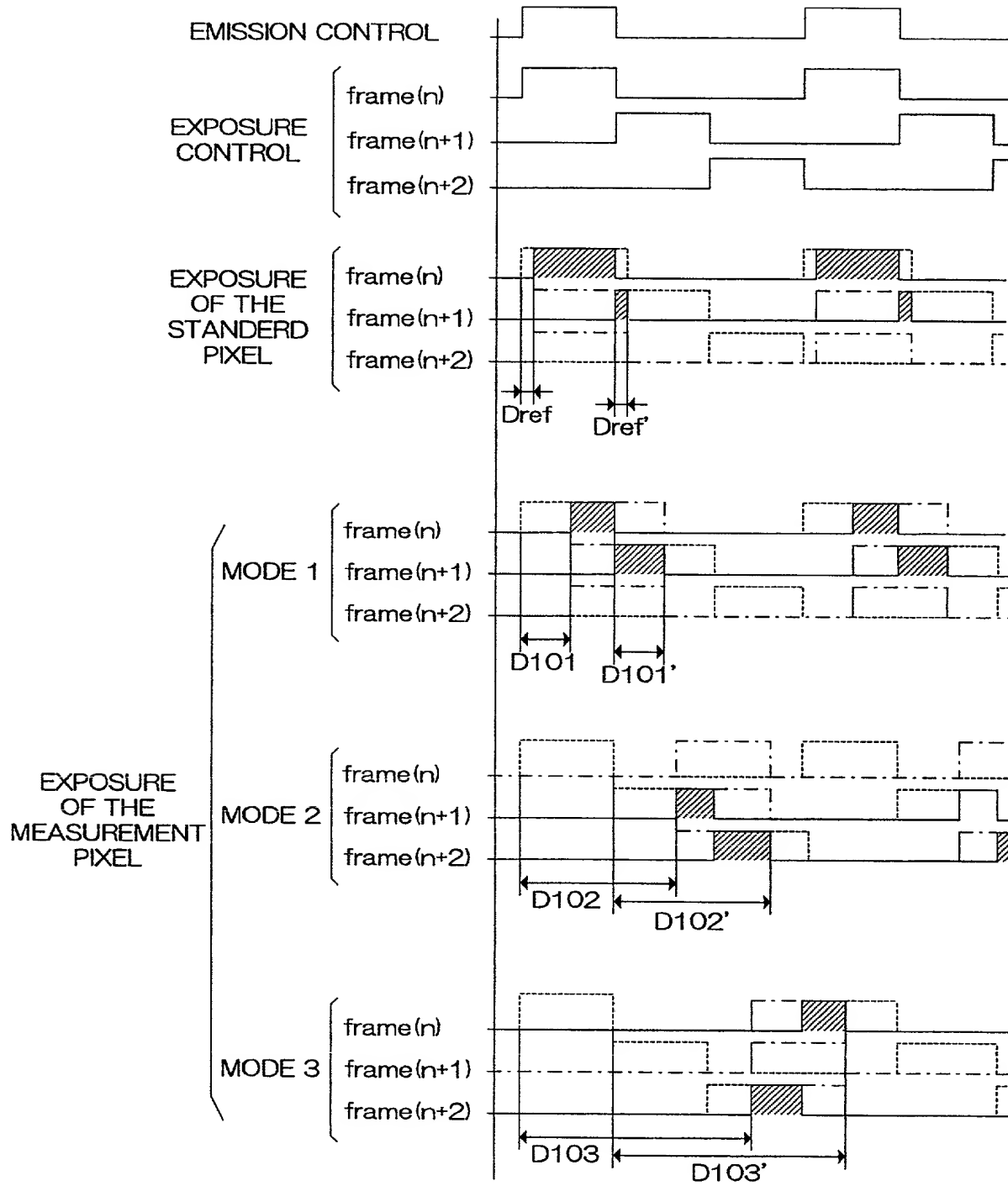


FIG.14(a)

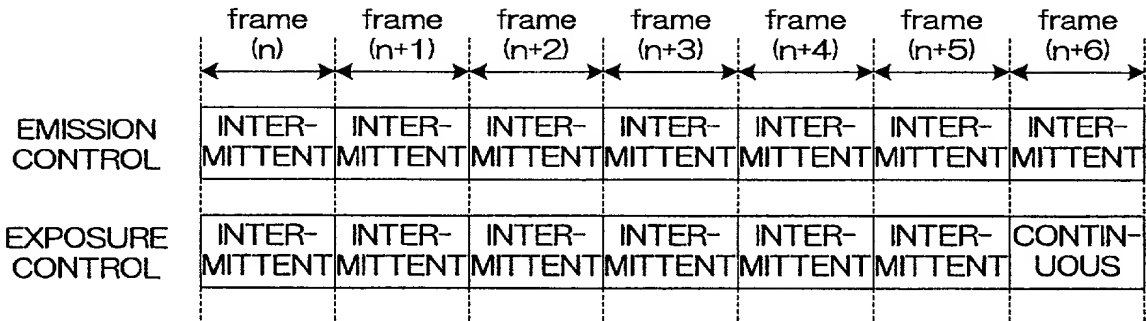
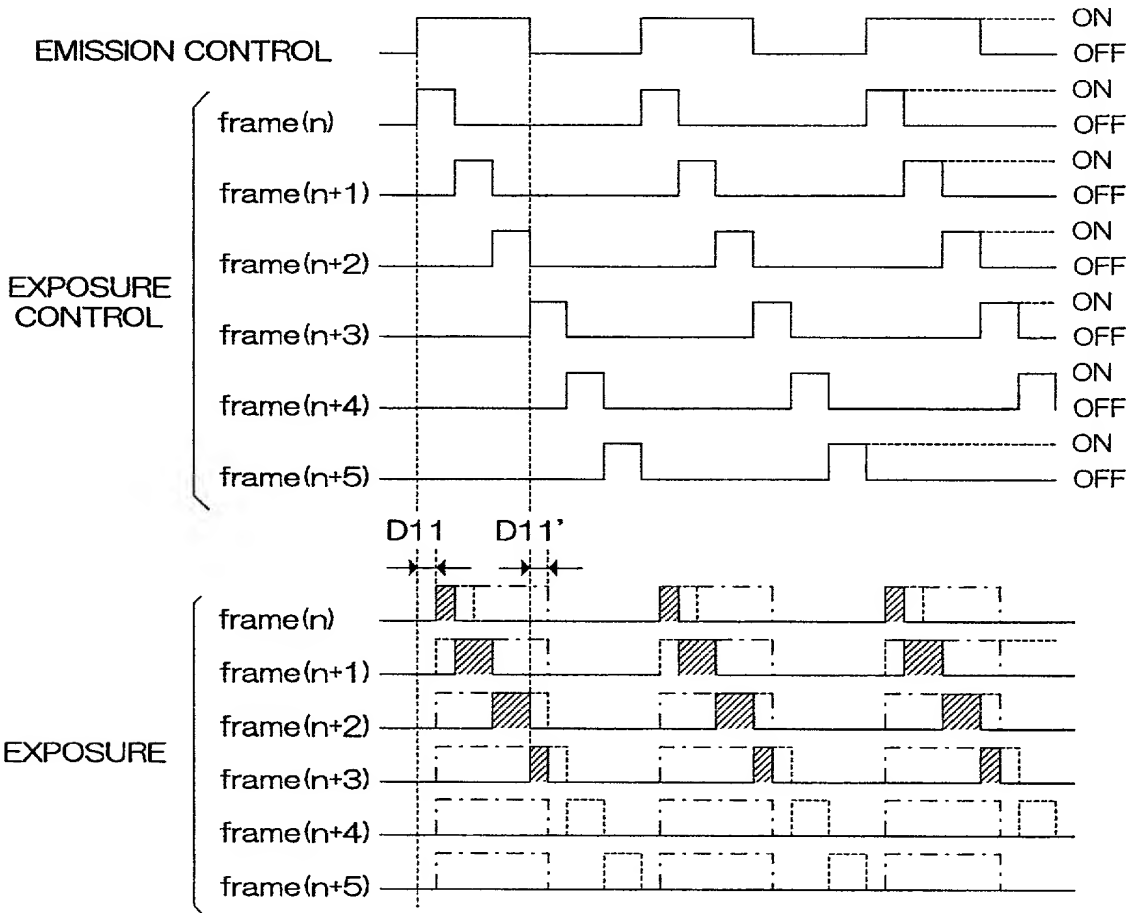


FIG.14(b)



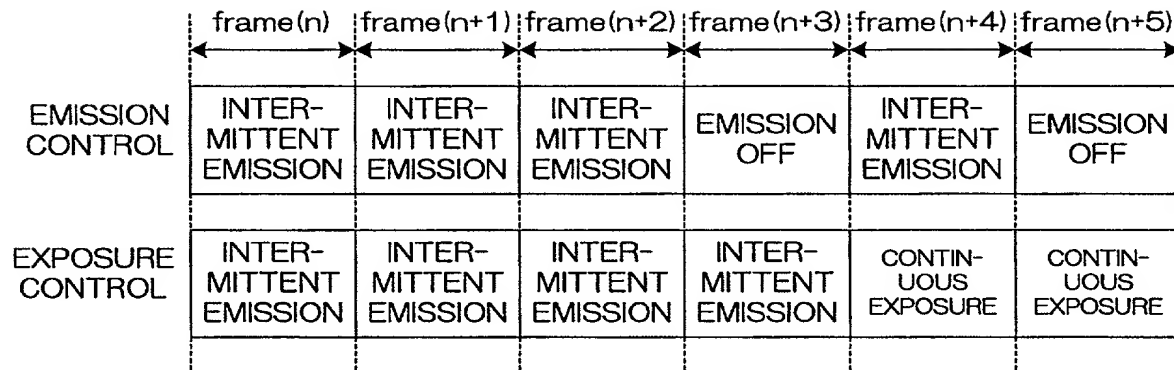


FIG.16

34d IMAGE PROCESSING CIRCUIT

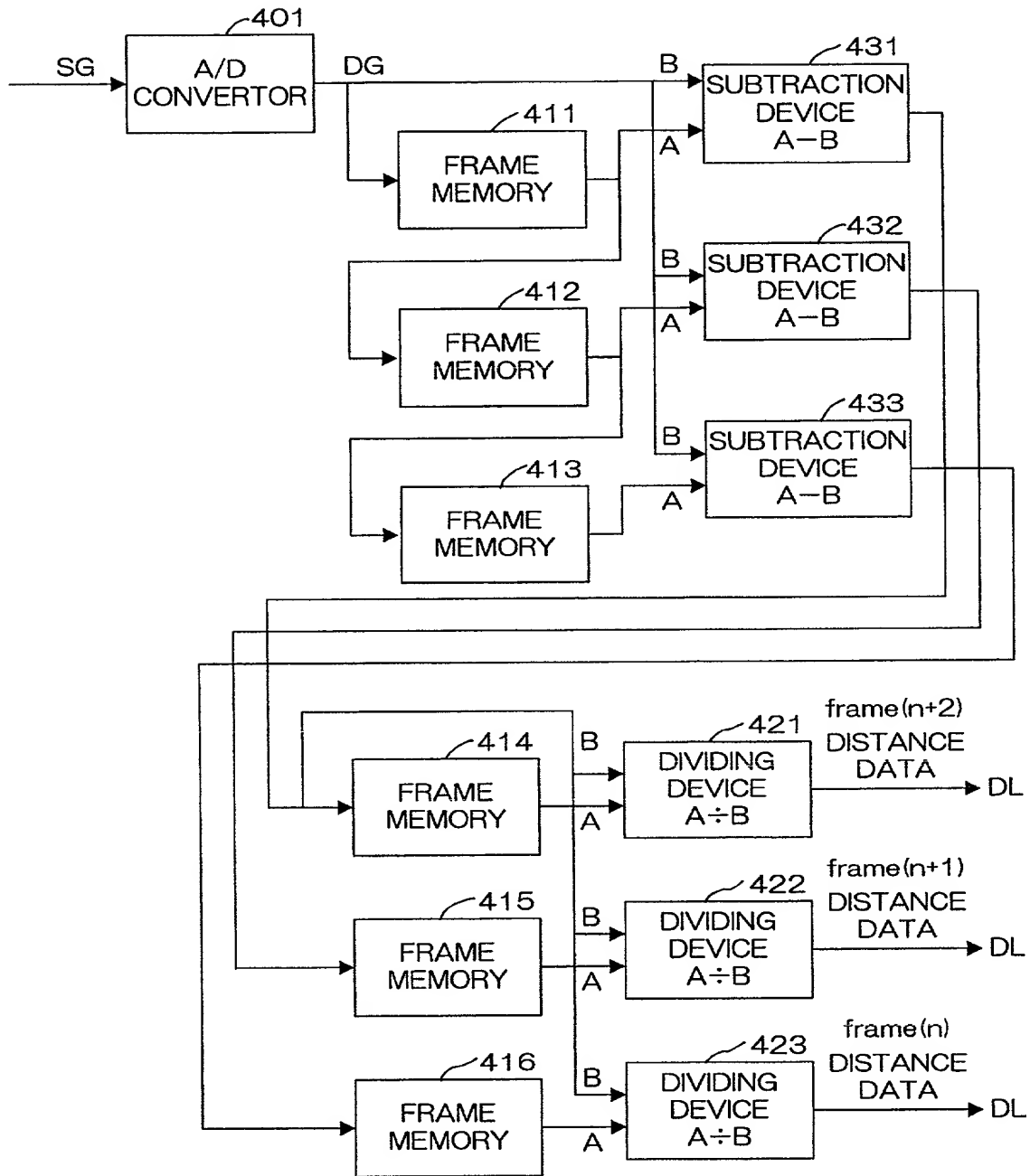


FIG.17(a)

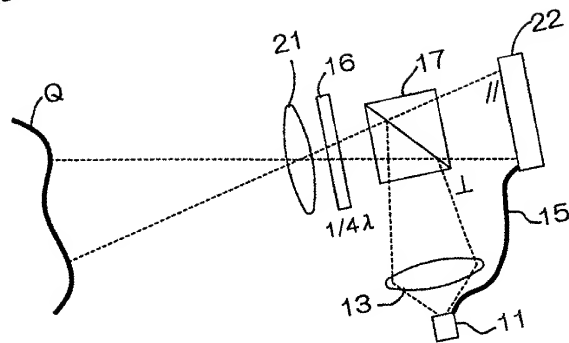
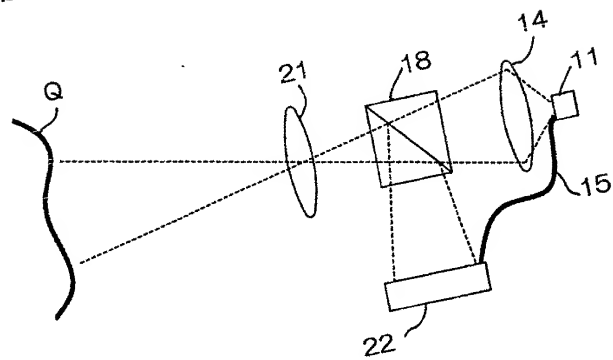


FIG.17(b)



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FIG.18

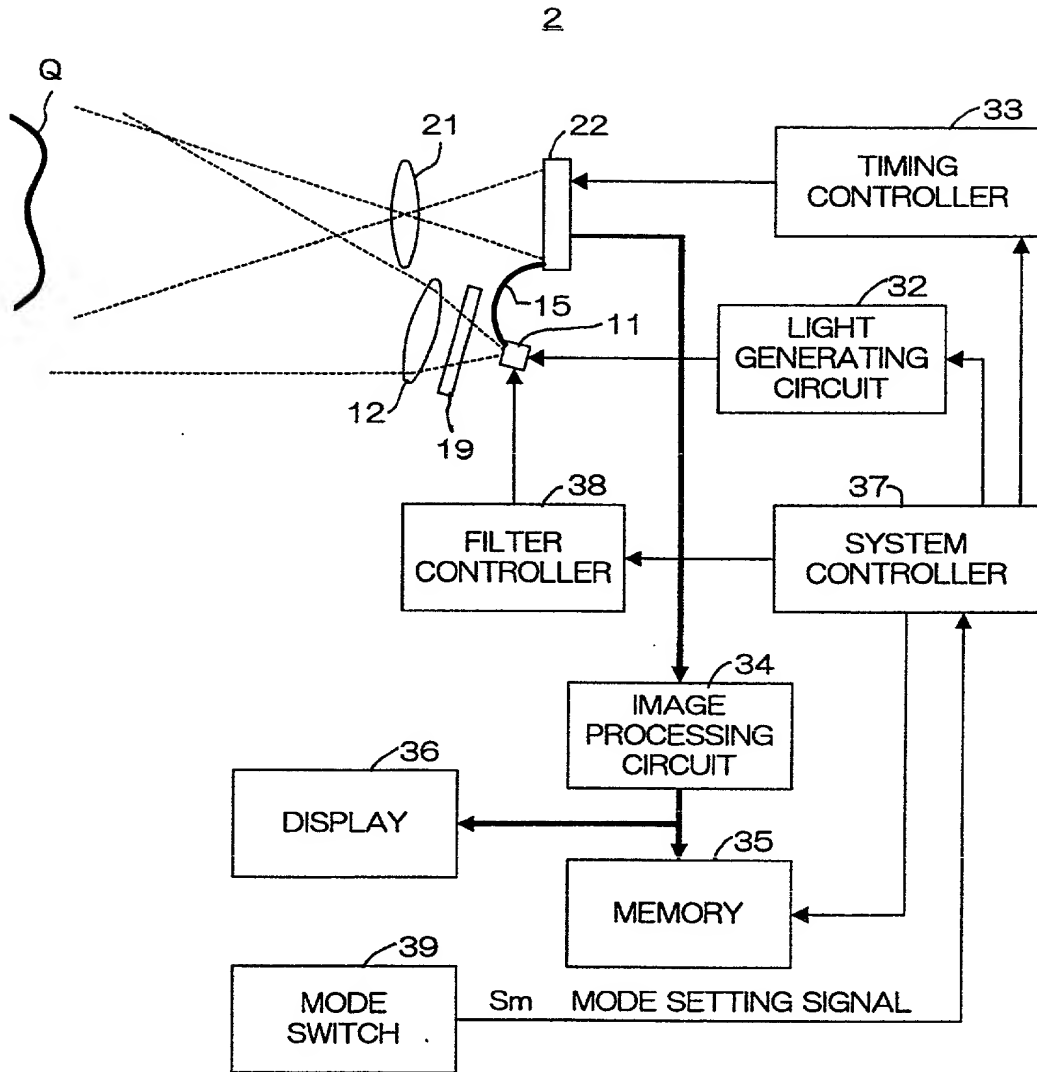




FIG.19(a)

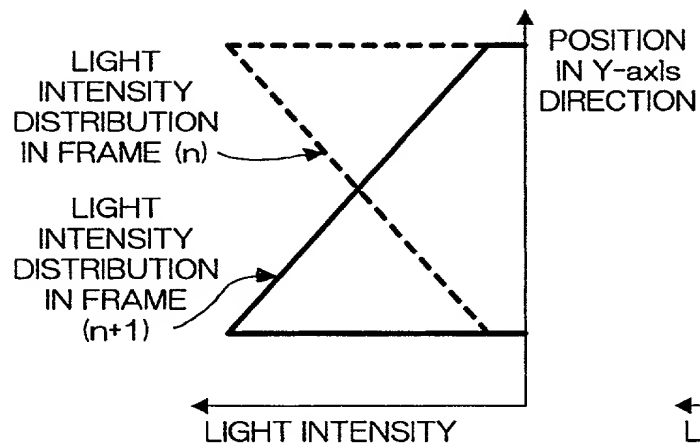


FIG.19(b)

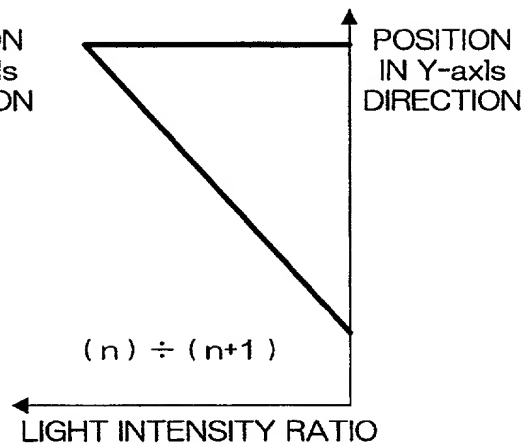


FIG.19(c)

